

January 1, 1987 thru December 31, 1987

**Faculty Service to Hope College**

Name Herbert L. Dershem

A. Scheduled Teaching - Courses

	Dept. & No.	Credit Hours	Course Description	Contact Hours	Other Contact	Enroll.
Spring	CSCI 220	3	Computer Science II	3	0	18
	CSCI 295	2	Methods Tching Comp Sc	1	0	1
	CSCI 352	3	Hardware/Software Sys	3	0	27
	MATH 260	3	Discrete Structures	3	0	13
Summer	CSCI 220	3	Computer Science II	3	0	6
	CSCI 283	3	Intro to Comp Systems	3	0	6
Fall	CSCI 283	3	Intro to Comp Systems	3	0	16
	CSCI 386	3	Algorithms	3	0	9
	CSCI 390	3	Database Mgmt Systems	3	0	15
	CSCI 295	3	Computers in Education	1	0	2

B. Academic Advising

Total number of advisees 29

Majors 6

Fresh./Soph. 19

C. Scholarly Activity

1. *Scholarly Work Supported by Outside Funding* (list both project description and source of funding)

NSF CSNET proposal funded

Textbook reviewer for West Publishing

Contract for writing textbook - Wadsworth Publishing

2. *Other Scholarly Work and/or General Professional Development*

Reviewer for National Educational Computer Conference

Attended Computer Science Conference and SIGCSE Symposium in St. Louis

Attended Michigan Association of Computer Users in Learning in Detroit

Attended summer workshop on Object-Oriented Programming, Santa Cruz, CA

Attended Fall Joint Computer Conference, Dallas


Program chair for 1988 SIGCSE Symposium

E. Internal Service

1. <i>Student Oriented</i>	Check (✓) Activity	Total # of Students	# of Students Enrolled for Credit
Supervision of Independent study or research	✓	5	5
Directing a Play			
Recitals			
Coaching			
Other (describe)			
2. <i>Administrative (List)</i>			
Chair, Computer Science Department			
3. <i>Board and Committee Assignments (List)</i>			
Chair, Computer Services Committee			
4. <i>Departmental Assignments (List)</i>			
Admissions liaison			

E. Public Service/Consulting  
Consulted with Parke Davis and Heinz

F. Other  
Spoke to High School Counselors and Academic High Achievers for admissions  
Presented Women's Week seminar: Two Famous Women of Computing  
Presented Seminar on Object-Oriented Programming

Signature:   
Date: January 20, 1988

## Review of Goals for 1987

1. Provide leadership for the development of an ongoing research program within the department.

Progress has been made in this area through the CSNET link, the establishment of the SUN network, the hiring of Mike Jipping, and the institution of the department's senior project seminar.

2. Develop further my research interests in artificial intelligence through a study of the interface between AI and probability and statistics.

I have done no work on this goal. It was replaced by work on the Programming Languages textbook.

3. Develop an expertise in the UNIX operating system and the Tower computer.

This goal was modified through the acquisition of the SUN network and the selling of the Tower. I am now a regular user of the UNIX operating system on the SUN network and have developed a much greater expertise in the use of UNIX. I also taught the CSCI 352 course using the Tower and UNIX in the Spring semester.

4. Construct a new course in Computer in Education, offered to Hope education students.

This course was not offered officially due to lack of interest among education students. I did, however, offer it as an independent study to two students who needed it as a requirement for the teaching certificate. I therefore did some work in the course's development.

## Goals for 1988

1. Complete the Programming Languages textbook.

2. Provide leadership for the continued strengthening of the department's research program.

3. Be active in national and regional professional organizations.

## Summary of Computer Science Faculty Evaluations 01/30/88

Name: Dershem Year: 1987

	Mean	SD	Sample Size
Preparation	3.90	0.18	80
Instruction	3.71	0.37	81
Stimulation of Interest	3.64	0.48	81
Concern for Students	3.84	0.29	81
Overall Rating	3.83	0.28	81

### Teaching

I continued to enjoy success in my teaching this year. Contributing greatly to this was the continued decline in class sizes, making effective teaching possible. Also adding to my effectiveness was that I taught no courses for the first time during the year. Student ratings of my teaching continued to be high. I was particularly proud of the CSCI 283 class in the Fall 1987 in which every student gave me an overall rating of A in spite of the fact that I gave rather low grades in the course.

I also took on responsibility for three special studies in groups. They were Methods of Teaching Computer Science (1 student) and Computer Science Theory (2 students) in the Spring semester, and Computers in Education (2 students) in the Fall semester. The first and third are special courses needed for the preparation of secondary teachers while the second is a preparation for graduate study.

### Scholarship

I continued to be active in the review of proposals, papers, and books. In addition, I attended two major national conferences, attended a summer workshop, and did consulting work with Parke-Davis and Heinz. I also signed a contract with Wadsworth to begin work on a Programming Languages textbook and wrote two chapters for that book.

### Service

I served as chair of the Computer Services Committee and Campus liaison to the Oak Ridge Science Semester during the Spring semester and served as program chair for a major national professional meeting in addition to editing the proceedings of that meeting. I have also been serving as the chair of a GLCA conference on the teaching of Computer Science to be held in March, 1988.

### Advising

I have served as a Freshman advisor during the Fall, 1988 semester. I feel that I have been effective in my work with these students thus far in guiding them through their first college semester. I have developed good relationships with many of them and a level of trust has been generated. I also felt that I was effective in relating to the parents during the orientation sessions based on comments I have received from them both at and since that time.

### Chairmanship

I was effective in my work as chairman this past year in the following areas: (1) Obtaining funding for the departmental CSNET connection; (2) Completing the departmental review process; (3) Developing a strong student recruitment program; (4) Establishing contacts with high school teachers of Computer Science; (5) Coordinating the acquisition of equipment for the SUN network and for upgrading the microcomputer laboratory.

Summary of Computer Science Faculty Evaluations 01/30/88

Name: Dershem Year: 1987

	Mean	SD	Sample Size
Preparation	3.90	0.18	80
Instruction	3.71	0.37	81
Stimulation of Interest	3.64	0.48	81
Concern for Students	3.84	0.29	81
Overall Rating	3.83	0.28	81

# MEMORANDUM

Date: February 15, 1988

To: Herbert Dershem

From: Irwin Brink *IB*

Subject: Draft of Annual Evaluation and Merit Salary Increments

Attached is a draft of my annual performance evaluation of you for the past year and my recommendations to the Status Committee regarding merit salary increments. If you would like to discuss the evaluation and salary increment prior to its submission to the Status Committee please contact me no later than Wednesday February 17.

Dmemor5.tex

## 1987 Performance Evaluation

Herbert Dershem

Professor of Computer Science

by

Irwin J. Brink

**Teaching:** There is no doubt in my mind that Herb is one of the top teachers on campus, at least on the basis of the student evaluations he gets. This year was no exception. In one class this fall he received an A rating in overall performance from every student in the class (13). Numerous students comment on how they appreciate his humor, his ability to explain complicated concepts in a clear understandable way and his willingness to help them. I rate his teaching as excellent to exceptional.

**Advising:** Herb is extra ordinarily conscientious and caring in dealing with students. He has excellent rapport with both students and parents. I rate his advising as excellent.

**Scholarship:** Herb had a good year in scholarship. He wrote a successful National Science Foundation proposal which will be valuable in stimulating research in the department. He embarked on a textbook writing project and completed the first two chapters in 1987. He is active professionally. This year he chaired a national meeting and edited the proceedings of the meeting. He also chairs the GLCA Conference on the Teaching of Computer Science which will be held in March, 1988. I rate his scholarship performance as excellent.

**Service:** Herb had the difficult task of chairing the Computer Services Committee this past year. He was also campus liaison to the Oak Ridge Science Semester Program. I rate his service as good.

**Performance as Chair:** Herb is a model chairperson. He led a successful departmental review, which department faculty mentioned was a joy! He conducted all of the details associated with Mike Jipping's joining the faculty in a flawless manner. He plans and organizes the department goals in exemplary fashion. He does things so well and so

seemingly effortlessly that it is easy to take him for granted. I rate Herb's performance as chair as excellent to exceptional.

Summary Evaluation:

---

		Se	A,Sc	Ch	T
unsatisfactory	fair	good	excellent		exceptional

T = teaching

A = advising

Sc = scholarship

Se = service

Ch = chairperson

Irwin J. Brink

DEANH5.tex